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1968 JAN 18 21 59Z

Declassification Review by NGA

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 FM WPIC WASHDC
 TO AIG WINT SEVEN FIVE
 BT
 S E C R E T CITE WPIC 0731
 MISSION GL G-306

18 JAN 68

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF
 AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-306, 16 JAN 63.

(TEXT IDENTICAL WITH MISSION GL G-306 13 JAN)
 S E C R E T

END OF MESSAGE

(SIG GEN NOTE: MSG ALSO PASSED)

25X1

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SECRET

Admiral Gray
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 Information
 and
 Communication

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MISSION GL 6-006
MISSION GL 6-006

18 JAN 68
18 JAN 68

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF
AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION 6-006, 16 JAN 68.

THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE
COMIREX TARGET NUMBER.

*PLEASE
REVIEW*

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE
APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS--
C @CLEAR, SC @SCATTERED CLOUD COVER, HC @HEAVY CLOUD COVER,
H @HAZE, CS @CLOUD SHADOW, SD @SEMI-DARKNESS, GC
@GROUND COVER, CF @CAMOUFLAGE, O @OBLIQUITY, AND
GR @GROUND RESOLUTION.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS

G @GOOD, F @FAIR, OR P @POOR. THE EXTENT OF
TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL
OR PT @PARTIAL. THE MODE OF COVERAGE IS SIGNIFIED
BY ST @STEREO, NS @NONSTEREO, OR PS @PARTIAL STEREO.

AAA DEFENSES ARE DIVIDED INTO FOUR BASIC CATEGORIES -- LIGHT
@21-75 MM, MEDIUM @76-100 MM, HEAVY @OVER 100 MM, AND AUTOMATIC
WEAPONS @ZPU-1, ZPU-2, AND ZPU-4. IF THE CATEGORY CANNOT BE
DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER
OF GUNS INDICATED @EXAMPLE -- 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED.

MISSILES

ALQUIZAR SAM SITE A30-2 CU 2249N 08238W
OB -- 6 EMPLACED LAUNCHERS @2 NET COVERED, 8 MISSILE
TRANSPORTERS, A FAN SONG RADAR WITH 6 VAN TRAILERS, AN
ACQUISITION RADAR REVETMENT @NET COVERED, 9 AT-S
TRACKED PRIME MOVERS, 3 ZIL-157V TRUCK TRACTORS, 3
CARGO TRUCKS, AND 6 OTHER VEHICLES.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

CAMPO FLORIDO SAM SITE A27-2 CU 2309N 08202W
OB -- 6 EMPLACED LAUNCHERS, 7 MISSILE TRANSPORTERS, AN
OCCUPIED GUIDANCE AREA, AN ACQUISITION RADAR WITH
GENERATOR VAN, AND 23 UNIDENTIFIED VEHICLES.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

GUARA SAM SITE A29-2 CU 2248N 08213W
OB -- 6 EMPLACED LAUNCHERS, 9 MISSILE TRANSPORTERS, A
FAN SONG RADAR WITH 6 VAN TRAILERS, A PROBABLE
ACQUISITION RADAR, 9 AT-S, 10 ZIL-157V, 9 CARGO TRUCKS,
AND 2 OTHER VAN TRAILERS.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

OB -- 6 EMPLACED LAUNCHERS, 8 MISSILE TRANSPORTERS, AN
OCCUPIED CENTRAL GUIDANCE FACILITY, 10 TRACKED PRIME MOVERS,
ACQUISITION RADAR REVETMENT, 9 TRACKED PRIME MOVERS,
AND 9 CARGO TRUCKS.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

MAJANA SAM SITE 2 A27-A2 CU 2241N 08250W
OB -- 2 POSSIBLE MISSILE TRANSPORTERS AND 8 CARGO
TRUCKS.
LAUNCH AND GUIDANCE AREAS ARE EMPTY. NO ACQUISITION
RADAR IS NOTED.

25X1

MANAGUA SAM SITE A05-2 CU 2259N 08215W
OB -- 4 EMPLACED LAUNCHERS, 1 PROBABLE LAUNCHER, 12
MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 5 VAN
TRAILERS, AN EMPTY ACQUISITION RADAR REVETMENT, 9
PROBABLE AT-S TRACKED PRIME MOVERS, 11 ZIL-157V TRUCK
TRACTORS, 8 CARGO TRUCKS, AND 16 OTHER VEHICLES/PIECES
OF EQUIPMENT.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

MARIEL SAM SITE 2 A30-2 CU 2300N 08248W
OB -- 2 EMPLACED LAUNCHERS, 9 MISSILE TRANSPORTERS, 8
AT-S TRACKED PRIME MOVERS, AND 10 PROBABLE ZIL-157V
TRUCK TRACTORS.
FOUR LAUNCH REVETMENTS, THE CENTRAL GUIDANCE REVETMENT,
AND THE ACQUISITION RADAR REVETMENT ARE EMPTY.

25X1

TORRENS SAM ASSEMBLY AREA CU 2257N 08227W
OB -- AT LEAST 4 MISSILE TRANSPORTERS.
NO APPARENT CHANGE IN FACILITIES.

25X1

LA CATALINA SAM SITE A34-2 CU 2258N 08200W
SITE APPEARS OCCUPIED.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA CU 2257N 08221W
OB -- 15 MISSILE TRANSPORTERS 05 CANVAS COVERED AND 7
TRACKED PRIME MOVERS.
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE CU 2309N 08156W
OB -- NONE OBSERVED.
ACTIVITY -- 1 POSSIBLE SPOON REST RADAR WITH GENERATOR
VAN IN WESTERN LAUNCH REVETMENT.

25X1

AIR FACILITIES
SIGUANEIA AIRFIELD CU 2138N 08257W
OB -- NONE OBSERVED.

25X1

KAWAMA AIRFIELD CU 2307N 08117W

OB -- NONE OBSERVED.

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SAN JULIAN AIRFIELD CU 2205N 08409W

OB -- 1 CRATE, 4 COLT, 21 ZLIN TRENER, 2 LIAISON, AND 1 HOUND.

JOSE MARTI INTERNATIONAL AIRFIELD CU 2259N 08224W

OB -- 1 CLEAT, 2 BRITANNIA, 1 COOT, 1 C-54, 6 COKE, 9 CRATE, 2 C-47, 1 C-46, 2 MORAVA L-200, AND 2 LIGHT STRAIGHT-WING.

CAMPO LIBERTAD AIRFIELD CU 2305N 08225W

OB -- 5 COLT AND 7 HELICOPTERS.

NUEVA GERONA AIRFIELD CU 2150N 08246W

OB -- 2 COLT AND 1 HOUND.

NAVAL ACTIVITY/PORTS

MARIEL NAVAL BASE AND NAVAL AIR STATION CU 2259N 08244W

OB -- 1 KRONSTADT PC AND 2 S.O.1. SC.

OTHER VESSELS -- 3 FREIGHTERS.

CABANAS NAVAL BASE CU 2256N 08258W

OB -- 12 KOMAR PTG.

SIGUANEA NAVAL BASE CU 2136N 08258W

OB -- NONE OBSERVED.

NUEVA GERONA PORT FACILITIES CU 2153N 08248W

VESSELS -- NONE OBSERVED.

MATANZAS PORT FACILITIES CU 2303N 08133W

VESSELS -- 4 LARGE FREIGHTERS.

SURGIDERO DE BATABANO PORT FACILITY CU 2241N 08217W

VESSELS -- NONE OBSERVED.

LA HABANA PORT FACILITIES CU 2307N 08220W

VESSELS -- AT LEAST 26 FREIGHTERS.

ELECTRONICS/COMMUNICATIONS

SAN JULIAN RADAR FAC AFLD GUANE CU 2206N 08409W

OB -- 1 PROBABLE TOWN RADAR.

CABANAS RADAR FACILITY CAYO TOMAS CU 2259N 08259W

OB -- 1 LOW SIEVE RADAR.

THE RADAR HAS BEEN RELOCATED AT 22-59-12N 082-58-50W

25X1

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SANTA CRUZ DEL NORTE AW RADAR FACILITY CU 2308N 08155W
OB -- 2 TOKEN-TYPE RADARS.

25X1

MILITARY ACTIVITY

RANCHO BOYEROS MIL TRAINING AREA A CAMP CU 2300N 08218W
OB -- 12 FA PIECES, 12 PROBABLE AAA PIECES, AND
APPROXIMATELY 100 VEHICLES.
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTIAGO DE LAS VEGAS MILITARY CAMP CU 2258N 08220W
OB -- 2 FROG TRANSPORTERS, 5 POSSIBLE FROG
TRANSPORTERS, 6 TRACKED VEHICLES, AND APPROXIMATELY 70
OTHER VEHICLES.
NO APPARENT CHANGE IN FACILITIES.

25X1

LOURDES MILITARY CAMP TORRENS CU 2259N 08227W
OB -- 58 VEHICLES.
ACTIVITY -- APPROXIMATELY 270 PERSONNEL TENTS ARE
LOCATED IN THE GENERAL AREA OF THE CAMP.
NO APPARENT CHANGE IN FACILITIES.

25X1

CAMPO FLORIDO MILITARY CAMP EAST CU 2307N 08207W
OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1

GUANAJAY MILITARY CAMP MARTIN MESA CU 2257N 08243W
OB -- 5 PROBABLE FA PIECES AND NUMEROUS VEHICLES/PIECES
OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1

GUANAJAY DRIVE THROUGH BUNKER CU 2256N 08239W
OB -- 10 CARGO TRUCKS.
FACILITIES -- 1 ARCH-ROOFED EARTH-COVERED,
DRIVE-THROUGH BUNKER, 1 ARCH-ROOFED, DRIVE-THROUGH
STORAGE BUNKER, 5 ARCH-ROOFED STORAGE BUNKERS, AND 2
POSSIBLE ARCH-ROOFED STORAGE BUNKERS UNDER
CONSTRUCTION.

25X1

MANAGUA TANK PARK LOMAS DE TETAS CU 2258N 08219W
OB -- 24 TANKS/SP GUNS AND 4 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1

MANAGUA MILITARY CAMP CU 2258N 08217W
OB -- 10 POSSIBLE SALISH MISSILE RESUPPLY VEHICLES, 52
TANKS/SP GUNS, 6 MISSILE TRANSPORTERS, 15 MISSILE
CANISTER TRANSPORTERS, 7 CARGO TRUCKS, NUMEROUS OTHER
VEHICLES/PIECES OF EQUIPMENT, AND 3 POSSIBLE CRUISE

25X1

MISSILE CRATES.

NO APPARENT CHANGE IN FACILITIES. Release 2007/02/10 : CIA-RDP78B04549A000600010048-3

LIMONAR MILITARY CAMP CAMPO DE TIRO SE CU 2255N 08124W
OB -- 18 TANKS/SP GUNS.
NO APPARENT CHANGE IN FACILITIES.

NAZARENO MILITARY CAMP CU 2257N 08213W
OB -- 12 PROBABLE TANKS/SP GUNS AND 8 VEHICLES/PIECES
OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

MATANZAS MILITARY INSTALLATION SAN MARTIN CU 2301N 08131W
OB -- AT LEAST 40 FA/AAA PIECES/MORTARS AND AT LEAST 40
OTHER VEHICLES.
NO APPARENT CHANGE IN FACILITIES.

TARARA LANDING BEACH CU 2310N 08211W
OB -- NO MILITARY EQUIPMENT OR ACTIVITY OBSERVED.

-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

GUANABO CRUISE-MISSILE SITE	2309N 08203W
ARTEMISA MILITARY CAMP	2250N 08248W
MARIEL MILITARY CAMP LOMA GOBERNADORA	2256N 08251W
FONTANAR UNDERGROUND STORAGE AREA	2301N 08224W
SPECIAL AREA VERMONT	2301N 08248W
SPECIAL AREA OREGON	2259N 08244W
MATANZAS LANDING BEACH	2301N 08126W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

EL CANO SAM SITE	2303N 08229W
GUANABACOA SAM SITE A14-2	2305N 08216W
PUNTA BRAVA SAM SITE A29-2	2301N 08231W
PUNTA BALLEMATOS SAM SITE	2304N 08229W
LA HABANA SAM SITE FORT DE LA CABANA	2308N 08220W
SAN JOSE DE LAS LAJAS CRUISE-MSL STORAGE	2255N 08210W
EL CHICO SAM TRAINING AREA A07-2	2300N 08226W
EL CANO SAM TRAINING AREA	2303N 08229W
SAN ANTONIO DE LOS BANOS AIRFIELD	2252N 08230W
PLAYA BARACOA AIRFIELD	2302N 08234W
BAHIA HONDA PORT	2255N 08310W
PUNTA BALLEMATOS NAVAL FACILITY	2305N 08230W
SANTIAGO DE LAS VEGAS MIL CAMP	2257N 08223W
GUANABACOA FIELD ARTILLERY BN HQ	2308N 08210W
BEJUCAL MILITARY CAMP SE	2254N 08221W
CAMPO FLORIDO MILITARY CAMP WSW	2306N 08211W
LA FLORA MILITARY CAMP	2252N 08233W
MINAS MILITARY CAMP JESUS MARIA FINCA	2306N 08211W
SAN DIEGO DE NUNEZ MILITARY CAMP	2254N 08305W
SAN JOSE DE LAS LAJAS MILITARY ACTIVITY	2250N 08212W

SANTA FE MILITARY CAMP EAST 2144N 08244E
 SAN ANTONIO DE LOS BAÑOS MILITARY CAMP NE 2264N 08250E
 CHORRERA DE MANAGUA MILITARY CAMP W 2302N 08219W
 SIGUANEA MILITARY BARRACKS 2137N 08257W
 CAMPO LIBERTAD VEHICLE PARK 2304N 08227W
 ALTURAS DE BELEN VEHICLE PARK 2305N 08224W
 LA HABANA ARMY BARRACKS FORT DE LA CABANA 2308N 08220W
 SPECIAL AREA PURPLE 2254N 08228W